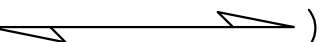


5A 3rd AND 4th FLOOR FRAMING PLAN
1:100

FRAMING PLAN GENERAL NOTES:




- ALL 12" CMU REINFORCED WITH #5 BARS AT 24" O.C. EACH FACE VERTICAL AND LADDER TYPE REINFORCEMENT AT 16" O.C. UNLESS NOTED OTHERWISE.
- ALL 8" CMU REINFORCED WITH #5 BARS AT 16" O.C. EACH FACE VERTICAL AND LADDER TYPE REINFORCEMENT AT 16" O.C. UNLESS NOTED OTHERWISE.
- ALL CMU IS 12" UNLESS NOTED OTHERWISE.
- ALL FLOORS 8" PRECAST HOLLOW CORE PLANK WITH 2" STRUCTURAL TOPPING. ALL ROOF PRECAST IS 8" HOLLOW CORE PLANK. TOPPING TO BE REINFORCED WITH 6x6 - W2.1xW2.1 W.W.M.
- () INDICATES THE SPAN DIRECTION OF THE PRECAST PLANK. PERPENDICULAR ARROW REPRESENTS EXTENT OF PLANK.
- SUPERIMPOSED LOADS ON PRECAST FLOOR PLANK:
TOPPING 25 PSF
COLLATERAL 15 PSF
LIVE LOAD 40 PSF

SUPERIMPOSED LOADS ON PRECAST ROOF PLANK:
DEAD LOAD 10 PSF
SNOW 35 PSF
- ALL FLOOR PLANK TO HAVE SOLID GROUTED KEYWAYS AND ANY ADDITIONAL MECHANICAL CONNECTIONS BETWEEN PLANK REQUIRED TO MAINTAIN A MINIMUM NOMINAL SHEAR STRENGTH BETWEEN PLANK OF 1000 PLF.
- ALL 2ND FLOOR TOP OF STEEL ELEVATIONS 103,251 (110'-8") U.N.O.
ALL 3RD FLOOR TOP OF STEEL ELEVATIONS 106,502 (121'-4") U.N.O.
ALL 4TH FLOOR TOP OF STEEL ELEVATIONS 109,754 (132'-0") U.N.O.
ALL ROOF TOP OF STEEL ELEVATIONS 113,005 (142'-8") U.N.O.
- ALL 2ND FLOOR PRECAST BEARING AT ELEVATION 103,048 (110'-0") U.N.O.
ALL 3RD FLOOR PRECAST BEARING AT ELEVATION 106,299 (120'-8") U.N.O.
ALL 4TH FLOOR PRECAST BEARING AT ELEVATION 109,550 (131'-4") U.N.O.
ALL ROOF PRECAST BEARING AT ELEVATION 112,802 (142'-0") U.N.O.
- SEE ARCHITECTURAL DRAWINGS FOR SCREEN WALL LOCATIONS, DETAILS AND BID OPION INFORMATION. SEE DETAILS 7/S2.4 AND 8/S2.4 FOR ADDITIONAL INFORMATION.
- PROVIDE CLIP ANGLES ON THE SOUTH FACE OF THREE COLUMNS.
- ALL BASEMENT WALLS TO BE REINFORCED WITH 16 [#5] BARS AT 610 o.c. EACH FACE.

FRAMING PLAN KEYED NOTES:

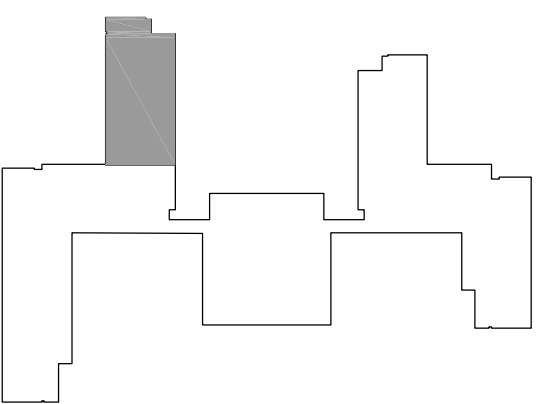
- CMU WALL TO BE REINFORCED WITH #5 BARS AT 203 [8"] o.c. EACH FACE VERTICAL.
- 1 1/2" 16 GAGE WIDE RIB ROOF DECK (MIN Sx = 0.41 in3/FT) TO BE CONTINUOUS OVER ALL FOUR SPANS. PROVIDE 5/8" PUDDLE WELDS AT 12" O.C. AT SUPPORTS AND (7) #10 TEK SCREWS AT SIDELAPS BETWEEN FRAMES.
- PROVIDE 102 x 102 x 6 [4" x 4" x 1/4"] ANGLES WELDED TO COLUMN FOR PRECAST BEARING.
- PROVIDE LINTEL PER DETAIL 9/S4.7 FOR WALL OPENINGS THAT PENETRATE BOND BEAMS AT PRECAST BEARING. TYPICAL AT ALL SUCH OPENINGS.
- PROVIDE CONNECTION OF TS TO WALL PER DETAIL 15/S4.7.
- SEE DETAIL 16/S4.7 FOR TS CONNECTION AT COLUMN.
- SEE DETAIL 5/S4.8 FOR BEARING CONDITION.
- CENTERLINE OF COLUMNS IS 102 [4"] EAST OF GRID "10".
- SEE DETAIL 14/S4.8 FOR MECHANICAL PENETRATION OF BEAM.
- SEE DETAIL 10/S4.9 FOR BALCONY FRAMING.

LINTEL SCHEDULE

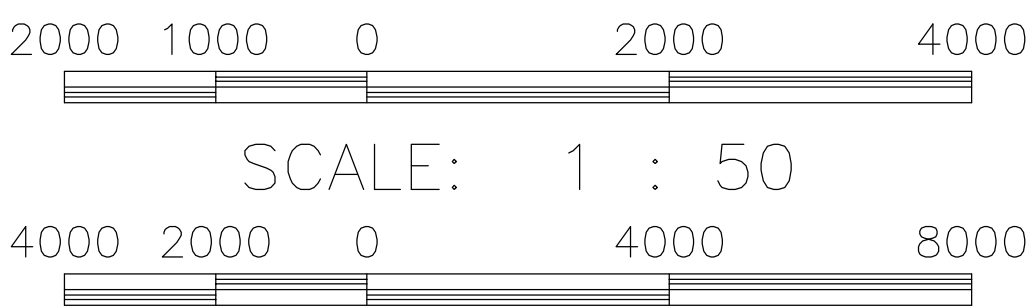
OPENING SIZE	LINTEL SECT	LINTEL (UNLESS NOTED OTHERWISE)
≤4'-0"		203 [8"] BOND BEAM
≤7'-0"		(2) 203 [8"] BOND BEAMS
≤10'-0"		W8x24 WITH 279x6 [11"x1/4"] x CONTINUOUS MASONRY PLATE

LINTEL SCHEDULE NOTES:

- PROVIDE LINTELS ABOVE ALL MASONRY OPENINGS PER THIS LINTEL SCHEDULE UNLESS NOTED OTHERWISE.
- PROVIDE 89 x 89 x 10 [3 1/2" x 3 1/2" x 3/8"] BRICK LINTELS AT EXTERIOR MASONRY WALL OPENINGS. ANGLES TO BEAR ON A MINIMUM 203 [8"] OF BRICK ON EACH SIDE OF OPENING.
- PROVIDE 279 x 6 [11" x 1/4"] x CONTINUOUS OR 178 x 6 [7" x 1/4"] x CONTINUOUS MASONRY PLATE AT BOTTOM OF ALL STEEL LINTELS AT 305 [12"] AND 203 [8"] MASONRY WALLS RESPECTIVELY.
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- ALL LINTELS TO HAVE A MINIMUM 203 [8"] BEARING ON SOLID GROUTED CMU.



KEY PLAN




SCALE: 1 : 50

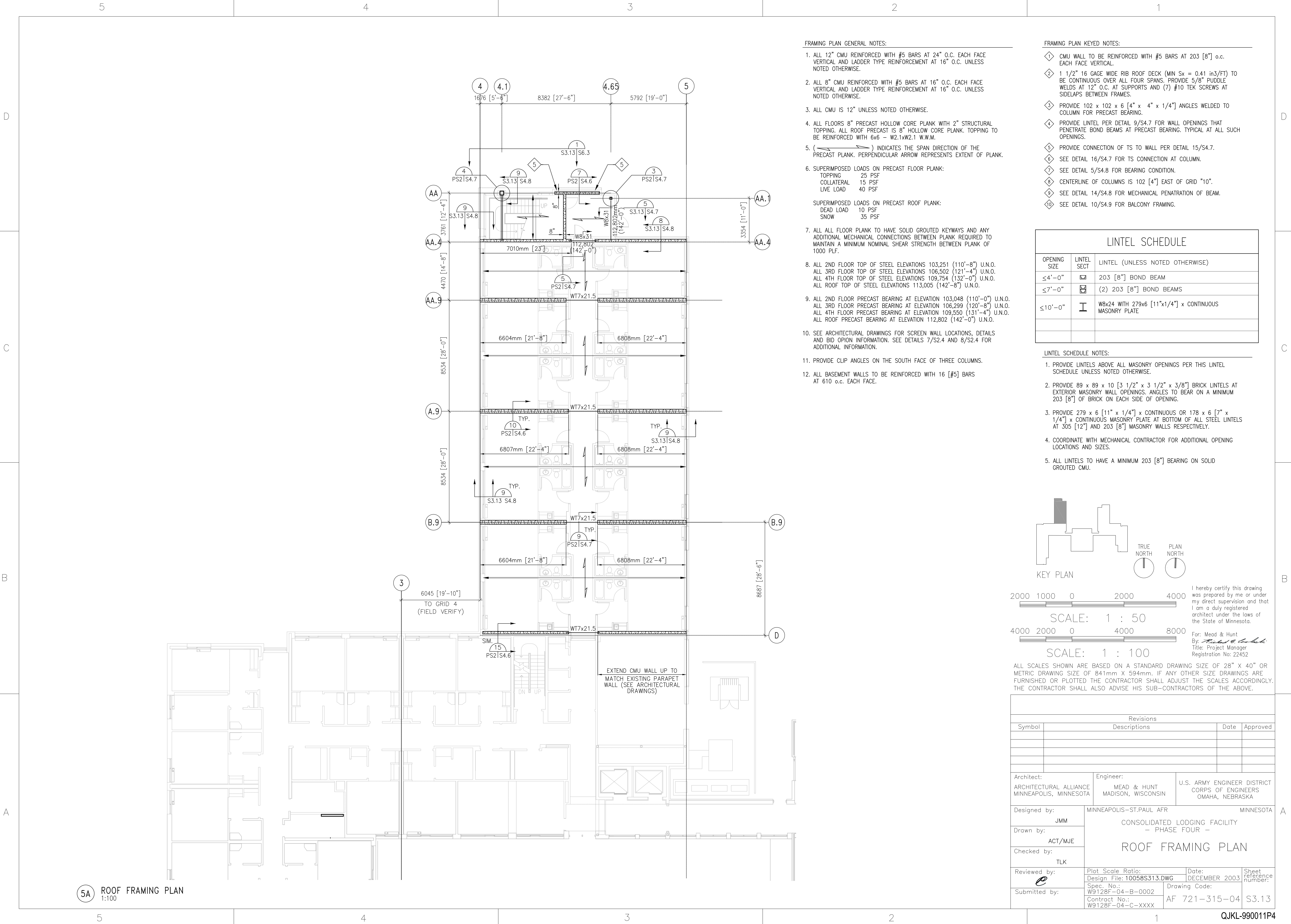
SCALE: 1 : 100

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.

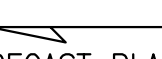
For: Mead & Hunt
By: *[Signature]*
Title: Project Manager
Registration No: 22452

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

Revisions			
Symbol	Descriptions	Date	Approved
Architect:		Engineer:	
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by:		MINNEAPOLIS-ST.PAUL AFR MINNESOTA	
JMM		CONSOLIDATED LODGING FACILITY - PHASE FOUR - 3rd AND 4th FLOOR FRAMING PLANS	
Drawn by:			
ACT/MJE			
Checked by:			
TLK			
Reviewed by:		Plot Scale Ratio:	Date:
		Design File: 10058S312.DWG	DECEMBER 2003
Submitted by:		Spec. No.: W9128F-04-B-0002	Drawing Code:
		Contract No.: W9128F-04-C-XXXX	AF 721-315-04
			S3.12



FRAMING PLAN GENERAL NOTES:




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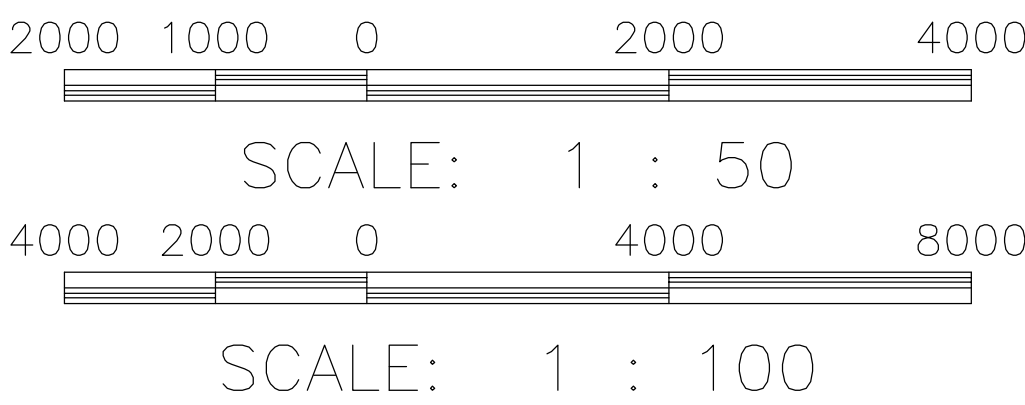
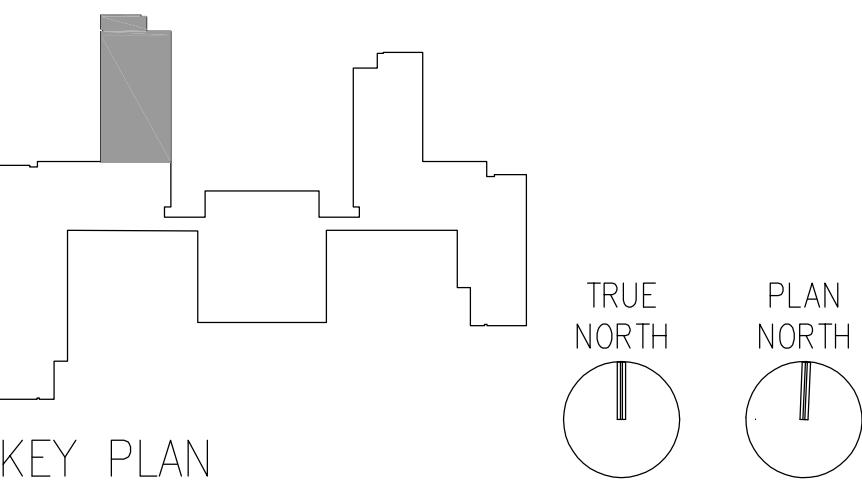
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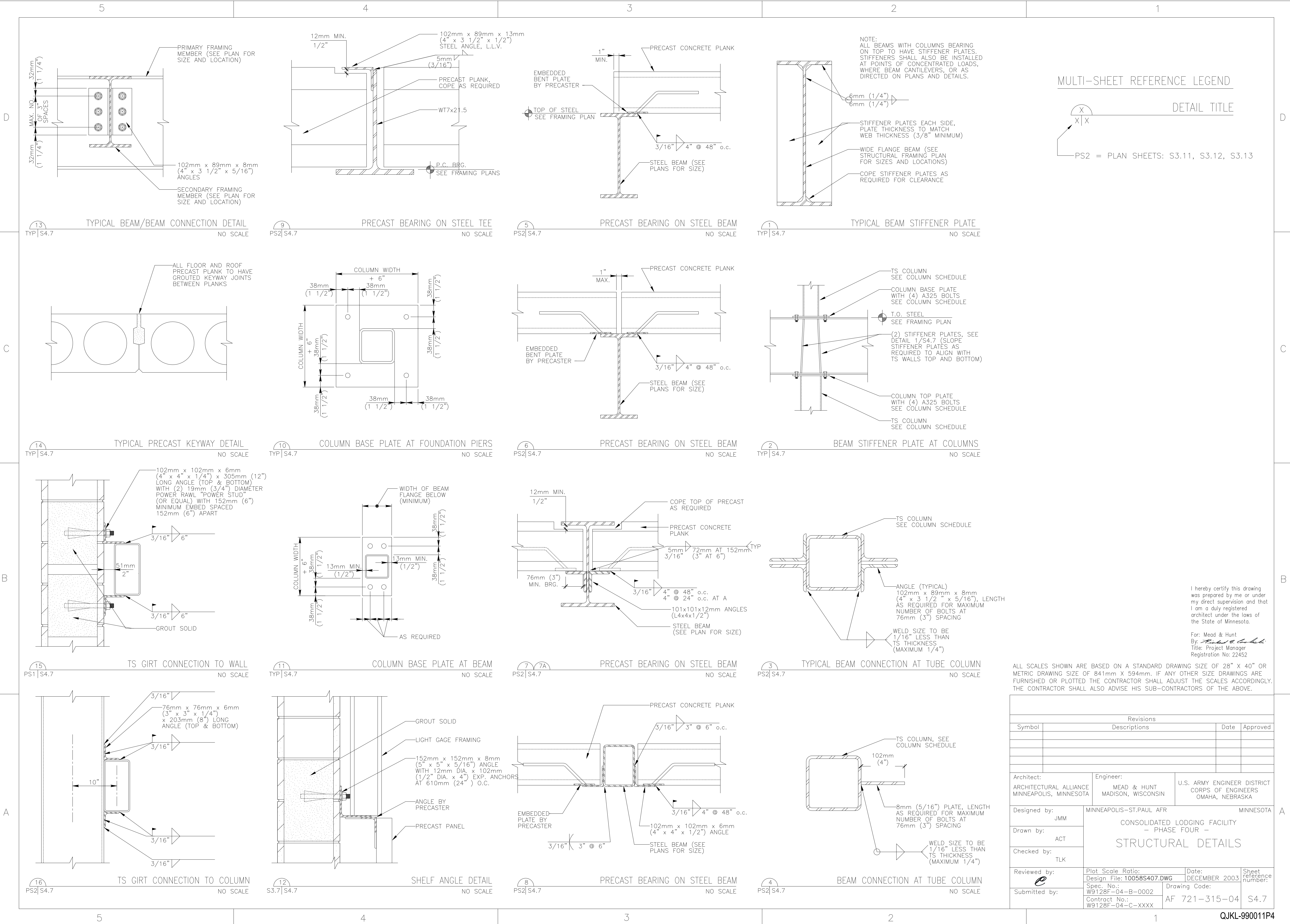


I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.

For: Mead & Hunt
By: *[Signature]*
Title: Project Manager
Registration No: 22452

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Revisions			
Symbol	Descriptions	Date	Approved
Architect:		Engineer:	
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by:		MINNEAPOLIS—ST. PAUL AFR MINNESOTA	
JMM		CONSOLIDATED LODGING FACILITY — PHASE FOUR —	
Drawn by:		ROOF FRAMING PLAN	
ACT/MJE			
Checked by:			
TLK			
Reviewed by:	Plot Scale Ratio:		Date:
	Design File: 10058S313.DWG		DECEMBER 2003
	Spec. No.:		Drawing Code:
	W9128F—04—B—0002		
Submitted by:	Contract No.:		AF 721—315—04
	W9128F—04—C—XXXX		
			S3.13

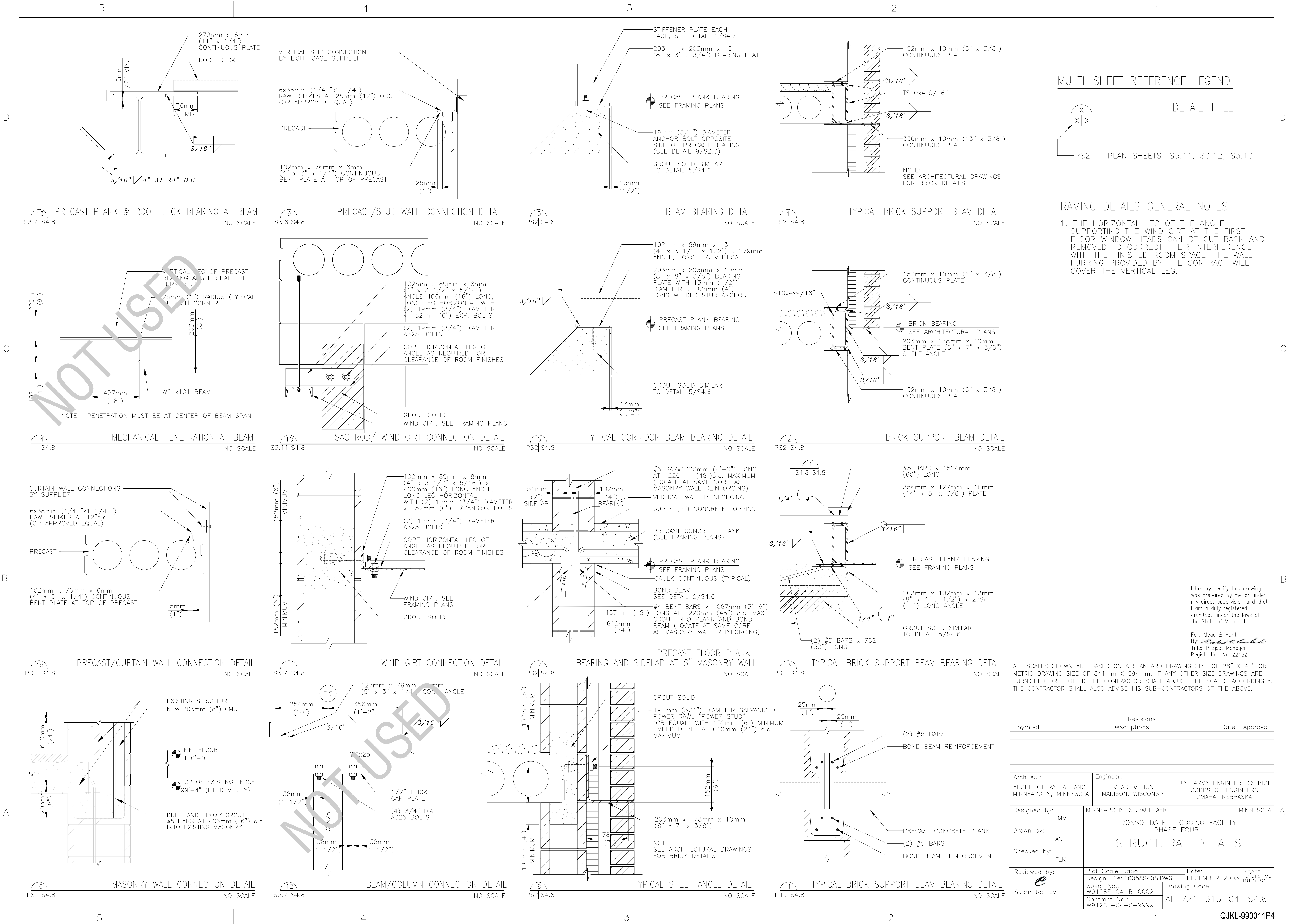


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Revisions			
Symbol	Descriptions	Date	Approved
Architect:	Engineer:	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA	
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	MEAD & HUNT MADISON, WISCONSIN	MINNEAPOLIS-ST. PAUL AFR MINNESOTA	
Designed by:	JMM	CONSOLIDATED LODGING FACILITY - PHASE FOUR - STRUCTURAL DETAILS	
Drawn by:	ACT		
Checked by:	TLK		
Reviewed by:	<i>[Signature]</i>	Plot Scale Ratio:	Date:
Submitted by:		Design File: 10058S407.DWG	DECEMBER 2003
		Spec. No.: W9128F-04-B-0002	Drawing Code:
		Contract No.: W9128F-04-C-XXXX	AF 721-315-04
			S4.7



MULTI-SHEET REFERENCE LEGEND

DETAIL TITLE

PS2 = PLAN SHEETS: S3.11, S3.12, S3.13

FRAMING DETAILS GENERAL NOTES

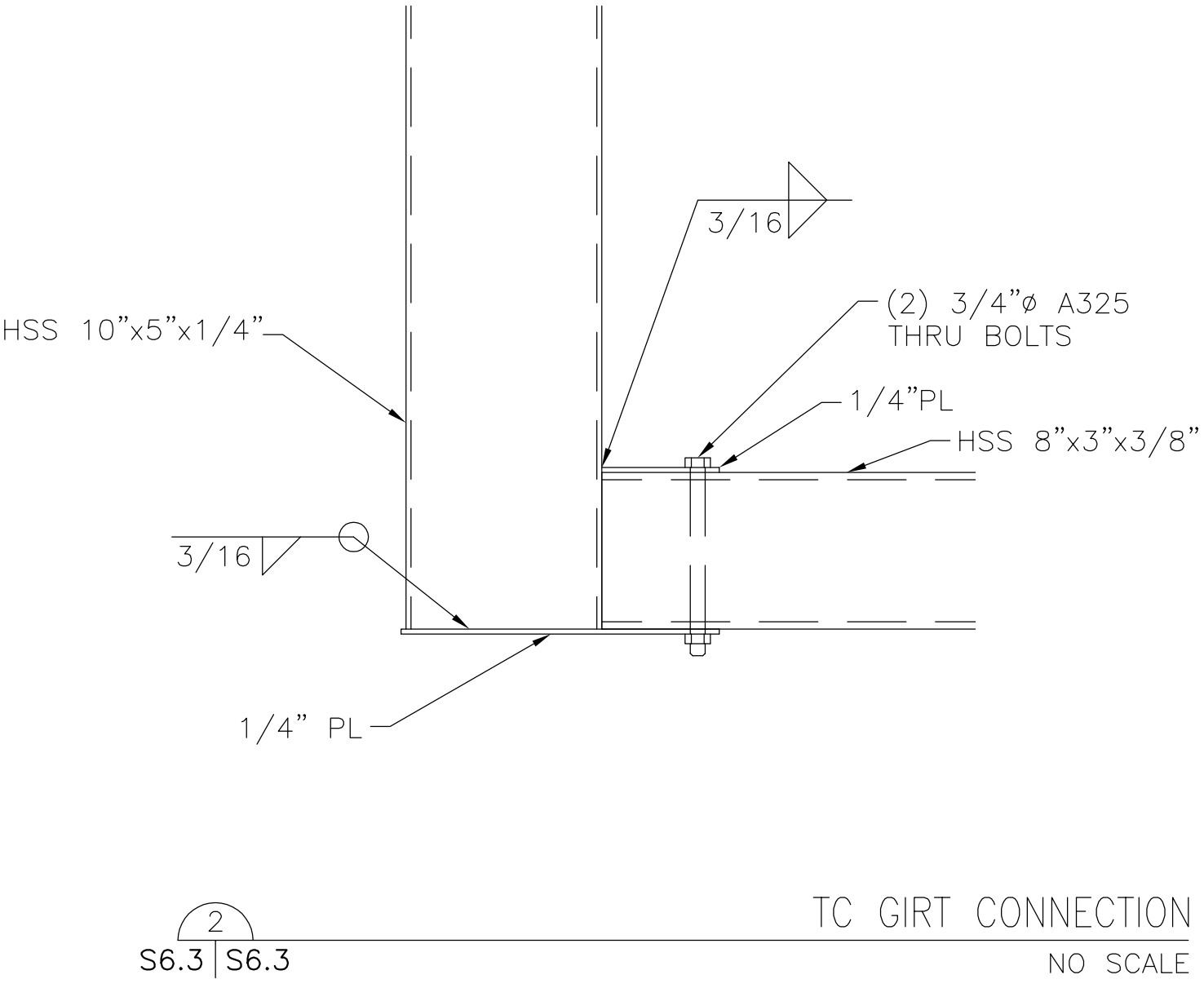
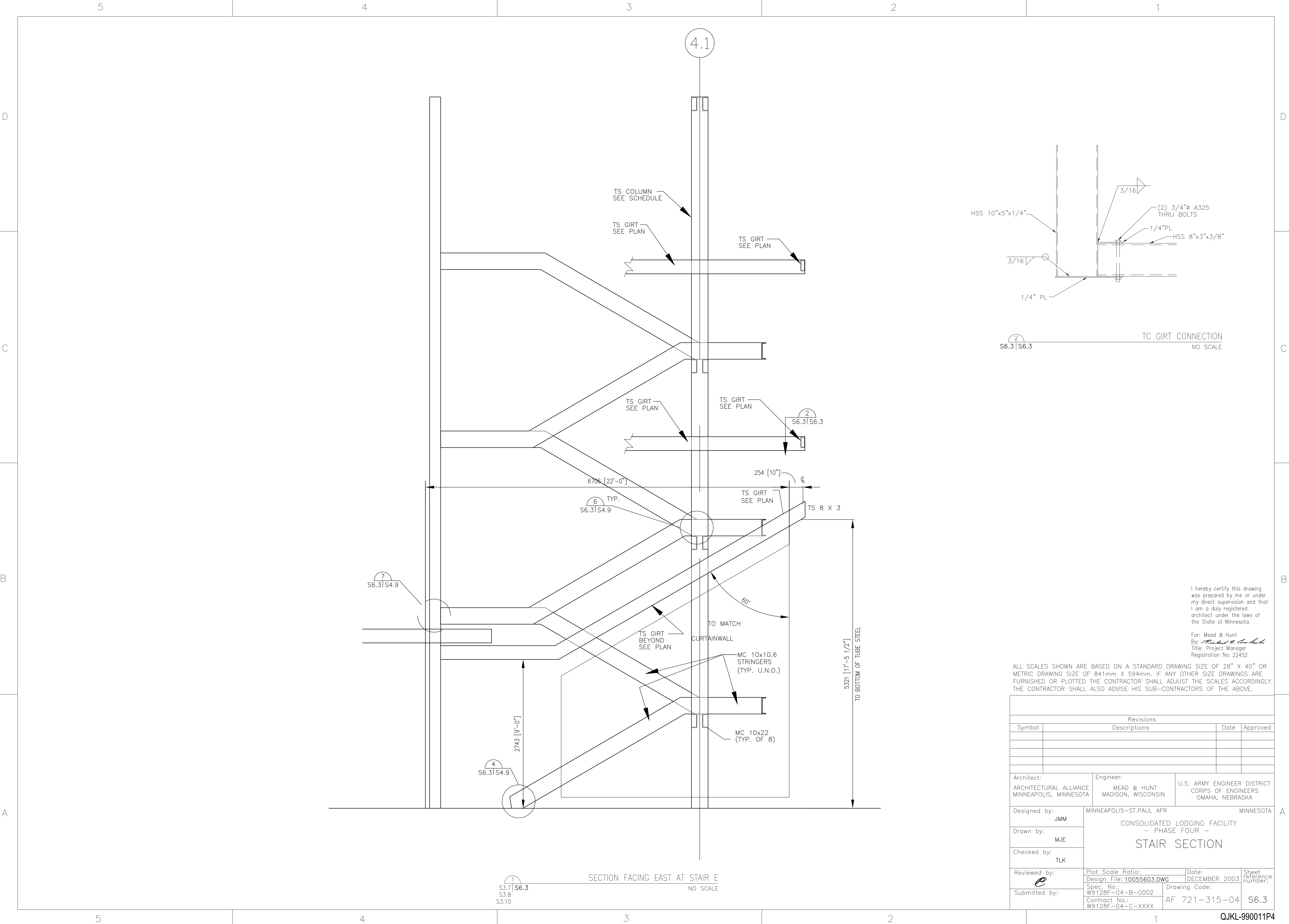
1. THE HORIZONTAL LEG OF THE ANGLE SUPPORTING THE WIND GIRT AT THE FIRST FLOOR WINDOW HEADS CAN BE CUT BACK AND REMOVED TO CORRECT THEIR INTERFERENCE WITH THE FINISHED ROOM SPACE. THE WALL FURRING PROVIDED BY THE CONTRACT WILL COVER THE VERTICAL LEG.

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For: Mead & Hunt
By: *[Signature]*
Title: Project Manager
Registration No: 22452

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Revisions			
Symbol	Descriptions	Date	Approved
Architect:	Engineer:	U.S. ARMY ENGINEER DISTRICT	
ARCHITECTURAL ALLIANCE	MEAD & HUNT	CORPS OF ENGINEERS	
MINNEAPOLIS, MINNESOTA	MADISON, WISCONSIN	OMAHA, NEBRASKA	
Designed by:	JMM	MINNEAPOLIS-ST. PAUL AFR	
Drawn by:	ACT	MINNESOTA	
Checked by:	TLK	CONSOLIDATED LODGING FACILITY	
Reviewed by:	<i>[Signature]</i>	- PHASE FOUR -	
Submitted by:		STRUCTURAL DETAILS	
Plot Scale Ratio:	Design File: 10058S408.DWG	Date:	Sheet
Spec. No.:	W9128F-04-B-0002	DECEMBER 2003	reference
Contract No.:	W9128F-04-C-XXXX	Drawing Code:	number:
		AF 721-315-04	S4.8



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Title: Project Manager
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Revisions			
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Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: JMM	MINNEAPOLIS-ST. PAUL AFR CONSOLIDATED LODGING FACILITY - PHASE FOUR - STAIR SECTION		
Drawn by: MJE			
Checked by: TLK			
Reviewed by: <i>[Signature]</i>	Plot Scale Ratio: Design File: 1005S603.DWG	Date: DECEMBER 2003	Sheet Reference number: S6.3
Submitted by:	Spec. No.: W9128F-04-B-0002 Contract No.: -XXXX	Drawing Code: AF 721-315-04	